

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 635  | (inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:05 |
| L2    | 0    | L1 and diffusion adj light and transmitting and(object or octogonally or cylindrical or honeycomb)and analyz\$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:08 |
| L3    | 0    | diffusion adj light and transmitting and (object or octogonally or cylindrical or honeycomb)and analyz\$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness)       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:08 |
| L4    | 156  | L1 and(inspect\$3 or measur\$4)and(object or octogonally or cylindrical or honeycomb)and analyz\$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness)              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:10 |
| L5    | 2    | L1 and(inspect\$3 or measur\$4)same(object or octogonally or cylindrical or honeycomb) same analyz\$3 same(intensity or pixel\$1 or grey or gray or contrast or brightness)          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:10 |
| L7    | 0    | L5 and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:11 |
| L8    | 156  | L4 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:11 |
| L9    | 113  | L8 and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:11 |
| L10   | 113  | L9 and(inspect\$3 or measur\$4)and analyz\$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:12 |
| L11   | 89   | L10 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:12 |
| L12   | 0    | L11 and(octogonally or honeycomb or cylindrical)and (translucent or transparent) adj screen  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/02/10<br>10:27 |

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| L13 | 26  | L11 and(octagonally or honeycomb or cylindrical)and (translucent or transparent)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:27 |
| L14 | 961 | inspect\$3 and surface and wall adj unevenness materials and measured adj intensity and(pixel\$1 or grey or gray)same values and(object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat \$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:45 |
| L15 | 0   | inspect\$3 and surface and wall adj unevenness and measured adj intensity and (pixel\$1 or grey or gray)same values and (object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat\$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic)          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:46 |
| L16 | 361 | inspect\$3 and (surface or wall or unevenness)and measured adj intensity and (pixel\$1 or grey or gray)same values and (object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat\$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic)           | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:47 |
| L17 | 0   | inspect\$3 same(surface or wall or unevenness)same measured adj intensity same(pixel\$1 or grey or gray)same values same(object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat\$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic)          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:48 |
| L18 | 0   | L16 and diffusion adj light and transmitting and(object or octogonally or cylindrical or honeycomb)and analyz\$3 and(intensity or pixel\$1 or grey or gray or constrast or brightness)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:49 |

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|-----|-----|---|---|----|----|---------------------|
| L19 | 0   | L16 and diffusion adj light and transmitting and(object or octogonally or cylindrical or honeycomb)and analyz\$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:50 |
| L20 | 0   | L16 and diffusion adj light and transmitting  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:50 |
| L21 | 0   | L16 and diffusion adj light   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:50 |
| L22 | 293 | L16 and(@ad<"20031028" or @riad<"20031028" or @prad<"20031028" or @ptad<"20031028")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:50 |
| L23 | 209 | L16 and @ad<"20031028"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>10:50 |
| L24 | 101 | L23 and(octogonally or honeycomb or cylindrical)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:48 |
| L25 | 101 | L24 and @ad<"20031028"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:49 |
| L26 | 92  | L25 and(inspect\$3 or measur\$4)and analyz \$3 and(intensity or pixel\$1 or grey or gray or contrast or brightness)and(octogonally or honeycomb or cylindrical)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:50 |
| L27 | 0   | L26 and diffusion adj light   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:51 |
| L28 | 13  | L26 and light adj transmitting and (octogonally or honeycomb or cylindrical or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:52 |
| L29 | 13  | L28 and @ad<"20031028"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:53 |
| L30 | 0   | L29 and(inspect\$3 or testing or measur\$4 or judging or quality)and (cylindrical or honeycomb adj structure or honeycomb or octogonally or cells)and unevenness and wall adj surface | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:58 |

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|-----|-------|--|---|----|----|---------------------|
| L31 | 13    | L29 and (inspect\$3 or testing or measur\$4 or judging or quality) and (cylindrical or honeycomb adj structure or honeycomb or octogonally or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>11:59 |
| L32 | 13    | L29 and (inspect\$3 or testing or measur\$4 or judging or quality) and (cylindrical or honeycomb adj structure or honeycomb or octogonally or cells) and (surface or wall or unevenness)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:00 |
| L33 | 96584 | "356"/\$.cds.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:03 |
| L34 | 150   | L33 and inspect\$3 and (surface or wall or unevenness) and measured adj intensity and (pixel\$1 or grey or gray) same values and (object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat\$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic or cells) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:05 |
| L35 | 106   | L34 and (octogonally or honeycomb or cylindrical or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:05 |
| L36 | 3     | L35 and light adj transmitting and (octogonally or honeycomb or cylindrical or cells)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:06 |
| L37 | 3     | L36 and (inspect\$3 or measur\$4) and analyz \$3 and (intensity or pixel\$1 or grey or gray or contrast or brightness) and (octogonally or honeycomb or cylindrical or cells)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:06 |
| L38 | 0     | L37 and diffusion adj light  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:06 |
| L39 | 3     | L37 and (inspect\$3 or testing or measur\$4 or judging or quality) and (cylindrical or honeycomb adj structure or honeycomb or octogonally or cells) and (surface or wall or unevenness)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:07 |
| L40 | 1     | L39 and @ad<"20031028"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:07 |

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| L41 | 72980 | "382"/\$.cds.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:25 |
| L42 | 62    | L41 and inspect\$3 and (surface or wall or unevenness)and measured adj intensity and (pixel\$1 or grey or gray)same values and (object or octogonally or cylindrical or honeycomb or filter or catalyst adj carrier or exhaust or gas adj purificat\$3 or internal adj combustion or combustion adj device or boiler or reforming adj device or liquid adj fuel or gaseous adj fuel or purificat\$3 adj treatment or service adj water or sewage or DPF or diesel adj particulate adj filter fluid or exhaust adj gas adj discharged or diesel adj engine or ceramic or cells) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:25 |
| L43 | 35    | L42 and (octogonally or honeycomb or cylindrical or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:26 |
| L44 | 5     | L43 and light adj transmitting and (octogonally or honeycomb or cylindrical or cells)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:27 |
| L45 | 4     | L44 and @ad<"20031028"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:30 |
| L46 | 3     | L41 and (inspect\$3 or measur\$4)and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb or honeycomb adj structure or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:33 |
| L47 | 0     | L46 and (inspect\$3 or measur\$4)and analyz \$3 and (intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)and (octogonally or honeycomb or cylindrical or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:34 |
| L48 | 0     | L46 and light adj transmitting and (octogonally or honeycomb or cylindrical or cells)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:35 |
| L49 | 2     | "5463462".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:41 |
| L50 | 1     | L49 and (intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)and (octogonally or honeycomb or cylindrical or cells)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:42 |

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| L51 | 1 | L49 and(intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:42 |
| L52 | 1 | L49 and(pixel\$1 or grey or gray or contrast or brightness or luminance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:43 |
| L53 | 1 | L49 and(grey or gray or contrast or brightness or luminance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:44 |
| L54 | 0 | L49 and(grey or gray or contrast or luminance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:44 |
| L55 | 2 | "5184190".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:48 |
| L56 | 1 | L55 and(intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)and (octogonally or honeycomb or cylindrical or cells) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:48 |
| L57 | 2 | "4902137".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:50 |
| L58 | 1 | L57 and(intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)and (octogonally or honeycomb or cylindrical or cells) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:51 |
| L59 | 0 | L57 and(grey or gray or contrast or luminance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:51 |
| L60 | 2 | "6377654".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:55 |
| L61 | 0 | L60 and(grey or gray or contrast or luminance)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:55 |
| L62 | 1 | L60 and(intensity or pixel\$1 or grey or gray or contrast or brightness or luminance)and (octogonally or honeycomb or cylindrical or cells) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/10<br>12:55 |

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|----|--------|---|---|----|-----|---------------------|
| S1 | 2      | inspect\$3 and honeycomb and cell and unevenness and wall adj surface and fluid   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:28 |
| S2 | 156105 | "L2" and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:36 |
| S3 | 1      | S1 and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:36 |
| S4 | 1      | inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:38 |
| S5 | 100    | ((("20070091309" or ("20060174695" or ("20080205596" or ("4780075" or ("6939522" or ("4630416" or ("20090010523" or ("4042738" or ("4364760" or ("4381912" or ("4384841") or ("4448828" or ("4452335" or ("4519820" or ("4533584" or ("4541967" or ("4550005" or ("4604869" or ("4632683" or ("4772580" or ("4802840" or ("4837943" or ("RE33013" or ("5256969" or ("5459966" or ("5494881" or ("5578202" or ("5629067" or ("5634457" or ("5775410" or ("5800787" or ("5855781" or ("5866079" or ("5875596" or ("5888456" or ("5916511" or ("5934730" or ("5952079" or ("6036251" or ("6117377" or ("6352756" or ("6421915" or ("6656298" or ("6680101" or ("6705860" or ("6726977" or ("6764742" or ("6814562" or ("6815038" or ("6818580" or ("),pn..").PN. | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/27<br>16:39 |
| S6 | 1      | S5 and inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:39 |
| S7 | 1      | S5 and inspect\$3 and honeycomb adj structure and cell and unevenness and wall adj surface and fluid  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:40 |
| S8 | 1      | S7 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/27<br>16:40 |
| S9 | 0      | ("4319840.pn..").PN.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/27<br>16:41 |

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|-----|----|---|---|----|----|---------------------|
| S10 | 2  | "4319840".pn.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:42 |
| S11 | 0  | S10 and inspect\$3 and honeycomb adj structure and cell and unevenness and wall adj surface and fluid                 | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:43 |
| S12 | 2  | S10 and inspect\$3 and honeycomb  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:43 |
| S13 | 0  | S12 and cell and unevenness and wall adj surface  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:44 |
| S14 | 0  | S12 and cell and unevenness   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:44 |
| S15 | 0  | S12 and unevenness  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:44 |
| S16 | 0  | S12 and surface and fluid   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:44 |
| S17 | 0  | S12 and fluid   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:45 |
| S18 | 19 | ((TAKAHIRO) near2 (KONDO)).INV.   | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/01/27<br>16:58 |
| S19 | 19 | ((TAKAHIRO) near2 (KONDO)).INV.   | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/01/27<br>16:58 |
| S20 | 13 | ((YOICHI) near2 (AOKI)).INV.  | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/01/27<br>16:58 |
| S21 | 49 | ((AKIHIO) near2 (MIZUTANI)).INV.  | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/01/27<br>16:59 |
| S22 | 1  | S18 and inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>16:59 |
| S23 | 1  | S19 and inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>17:00 |



|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
| S24 | 0    | S20 and inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>17:00 |
| S25 | 0    | S21 and inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/27<br>17:00 |
| S26 | 1    | (inspect\$3 and cylindrical and honeycomb adj structure and cell and unevenness and wall adj surface and fluid).CLM.  | US-PGPUB  | OR | ON | 2009/01/27<br>17:01 |
| S27 | 0    | inspect\$3 and surface adj unevenness and transmitted adj light and measured adj intensity and(pixel\$1 or grey or gray)same values   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:05 |
| S28 | 0    | inspect\$3 and surface adj unevenness and measured adj intensity and(pixel\$1 or grey or gray)same values   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:06 |
| S29 | 1000 | inspect\$3 and surface and wall adj unevenness materials and measured adj intensity and(pixel\$1 or grey or gray)same values  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:08 |
| S30 | 0    | inspect\$3 and surface and wall adj unevenness materials and measured adj intensity and(pixel\$1 or grey or gray)same values and octagonally adj shaped and tabular and cylindrical and (object or catalytic) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:12 |
| S31 | 0    | inspect\$3 and surface and wall adj unevenness and measured adj intensity and (pixel\$1 or grey or gray)same values   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:13 |
| S32 | 0    | inspect\$3 and surface and wall adj unevenness and(object or materials)and measured adj intensity and(pixel\$1 or grey or gray)same values  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:14 |
| S33 | 0    | inspect\$3 and surface and wall adj unevenness and(object or materials)and measured adj intensity and(pixel\$1 or grey or gray)same values  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:15 |
| S34 | 0    | inspect\$3 adj wall and surface adj unevenness and(object or octogonally or cylindrical)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:17 |
| S35 | 2    | (inspect\$3 or measur\$4)adj wall and surface adj unevenness and(object or octogonally or cylindrical)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:18 |

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| S36 | 0   | S35 and intensity and(pixel\$1 or grey or gray)same values   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:19 |
| S37 | 0   | S35 and catalytic adj converter  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:21 |
| S38 | 0   | (object or materials)and catalytic adj converter and(automobile or filter or device) and(inspect\$3 or evaluate or defects or fault or flaw)same surface adj walls and (octogonally or honeycomb)adj structure   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:26 |
| S39 | 0   | catalytic adj converter and(automobile or filter or device)and(inspect\$3 or evaluate or defects or fault or flaw)same surface adj walls and(octogonally or honeycomb)adj structure  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:27 |
| S40 | 2   | (automobile or filter or device)and(inspect\$3 or evaluate or defects or fault or flaw)same surface adj walls and(octogonally or honeycomb)adj structure   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:27 |
| S41 | 0   | S35 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:35 |
| S42 | 1   | S35 and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:35 |
| S43 | 100 | ((("20070091309") or ("20060174695") or ("20080205596") or ("4780075") or ("6939522") or ("4630416") or ("20090010523") or ("4042738") or ("4364760") or ("4381912") or ("4384841") or ("4448828") or ("4452335") or ("4519820") or ("4533584") or ("4541967") or ("4550005") or ("4604869") or ("4632683") or ("4772580") or ("4802840") or ("4837943") or ("RE33013") or ("5256969") or ("5459966") or ("5494881") or ("5578202") or ("5629067") or ("5634457") or ("5775410") or ("5800787") or ("5855781") or ("5866079") or ("5875596") or ("5888456") or ("5916511") or ("5934730") or ("5952079") or ("6036251") or ("6117377") or ("6352756") or ("6421915") or ("6656298") or ("6680101") or ("6705860") or ("6726977") or ("6764742") or ("6814562") or ("6815038") or ("6818580") or ("*,pn.")).PN. | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/04<br>09:37 |
| S44 | 0   | S43 and(inspect\$3 or measur\$4)adj wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:38 |

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| S45 | 1   | S43 and (inspect\$3 or measur\$4) and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:38 |
| S46 | 1   | S45 and (diffusion adj light or light)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:39 |
| S47 | 0   | S46 and intensity and (pixel\$1 or grey or gray) same values   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:39 |
| S48 | 0   | S46 and intensity and (pixel\$1 or grey or gray)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:39 |
| S49 | 1   | S46 and (intensity or pixel\$1 or grey or gray)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:40 |
| S50 | 0   | S49 and (@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:40 |
| S51 | 0   | S49 and @ad<"20031028"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:41 |
| S52 | 1   | S43 and (inspect\$3 or measur\$4) and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:41 |
| S53 | 634 | (inspect\$3 or measur\$4) and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:42 |
| S54 | 2   | S53 and (inspect\$3 or measur\$4) adj wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:42 |
| S55 | 634 | S53 and (inspect\$3 or measur\$4) and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:43 |
| S56 | 0   | S55 and (inspect\$3 or evaluate or defects or fault or flaw) same surface adj walls and (octogonally or honeycomb) adj structure | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:43 |

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| S57 | 1351876 | S55 and (inspect\$3 or evaluate or defects or fault or flaw) same surface adj walls and (octogonally or honeycomb) and structure and translucent adh screen | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:45 |
| S58 | 0       | S55 and (inspect\$3 or evaluate or defects or fault or flaw) same surface adj walls and (octogonally or honeycomb) and structure and translucent adj screen | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:45 |
| S59 | 0       | (inspect\$3 or evaluate or defects or fault or flaw) same surface adj walls and (octogonally or honeycomb) and structure and translucent adj screen         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:46 |
| S60 | 0       | S55 and (inspect\$3 or evaluate or defects or fault or flaw) same surface adj walls and (octogonally or honeycomb) and translucent adj screen               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:47 |
| S61 | 7       | S55 and (inspect\$3 or evaluate or defects or fault or flaw) and surface adj walls  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:48 |
| S62 | 0       | S61 and (octogonally or honeycomb) and translucent adj screen   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:48 |
| S63 | 0       | S61 and (octogonally or honeycomb)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:48 |
| S64 | 0       | S61 and translucent adj screen  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:48 |
| S65 | 3       | S61 and @ad<"20031028"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:49 |
| S66 | 5       | S61 and (@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:49 |
| S67 | 1       | S42 and (@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:53 |
| S68 | 497     | S65 and (@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:54 |

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| S69 | 1    | S67 and(@ad<"20031028" or @rlad<"20031028" or @prad<"20031028" or @ptad<"20031028")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:55 |
| S70 | 412  | S68 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:56 |
| S71 | 3    | S70 and(inspect\$3 or evaluate or defects or fault or flaw)and surface adj walls   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>09:56 |
| S72 | 4950 | 428/ 116,180,188,117,118,34.4.ccls.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:02 |
| S73 | 3706 | 428/ 116,180,188,117,118,34.4.ccls.  | USPAT   | OR | ON | 2009/02/04<br>10:02 |
| S74 | 8    | S72 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:03 |
| S75 | 0    | S74 and(inspect\$3 or evaluate or defects or fault or flaw)and surface adj walls   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:03 |
| S76 | 0    | S74 and(inspect\$3 or evaluate or defects or fault or flaw)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:04 |
| S77 | 5    | S74 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:04 |
| S78 | 0    | S63 and translucent adj screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:12 |
| S79 | 7    | S63 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:13 |
| S80 | 0    | S79 and translucent adj screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:13 |

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| S81 | 0   | S79 and translucent  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:13 |
| S82 | 3   | S79 and screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:14 |
| S83 | 0   | S82 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:15 |
| S84 | 0   | S82 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:16 |
| S85 | 0   | S74 and translucent adj screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:18 |
| S86 | 0   | S74 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:18 |
| S87 | 953 | 52/239,523,dig30,523.cols.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:19 |
| S88 | 0   | S87 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:20 |
| S89 | 0   | S87 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:20 |
| S90 | 0   | S87 and translucent adj screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:20 |
| S91 | 49  | S87 and(inspect\$3 or evaluate or defects or fault or flaw)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:21 |
| S92 | 46  | S91 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:21 |

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| S93  | 0    | S92 and inspect\$3 and surface and wall adj unevenness and materials and measured adj intensity and(pixel\$1 or grey or gray)same values | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:22 |
| S94  | 0    | S92 and inspect\$3 and surface and wall adj unevenness and materials and measured adj intensity and(pixel\$1 or grey or gray)and values  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:22 |
| S95  | 2665 | 502/439,527.18,527.19,527.21.ccls.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:26 |
| S96  | 3    | S95 and(inspect\$3 or measur\$4) and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:26 |
| S97  | 1    | S96 and(inspect\$3 or evaluate or defects or fault or flaw)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:26 |
| S98  | 0    | S97 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:26 |
| S99  | 0    | S97 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:27 |
| S100 | 3560 | 425/461,467,380,465,464.ccls.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:30 |
| S101 | 0    | S100 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:31 |
| S102 | 284  | S100 and(inspect\$3 or evaluate or defects or fault or flaw)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:31 |
| S103 | 0    | S102 and inspect\$3 and surface and wall adj unevenness and materials and measured adj intensity and(pixel\$1 or grey or gray)and values | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:31 |
| S104 | 0    | S102 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:32 |

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| S105 | 251  | S102 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:32 |
| S106 | 0    | S105 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)                                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:33 |
| S107 | 0    | S105 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:34 |
| S108 | 0    | S105 and translucent adj screen   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:35 |
| S109 | 0    | S105 and(automobile or filter or device)and (inspect\$3 or evaluate or defects or fault or flaw)same surface adj walls and(octogonally or honeycomb)adj structure | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:35 |
| S110 | 6024 | 422/174,180,222,177,211.ccls.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:38 |
| S111 | 1    | S110 and(inspect\$3 or measur\$4)and wall and surface adj unevenness and(object or octogonally or cylindrical or honeycomb)                                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:39 |
| S112 | 0    | S111 and(inspect\$3 or evaluate or defects or fault or flaw)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:39 |
| S113 | 0    | S111 and diffusion adj light  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:39 |
| S114 | 0    | S111 and(translucent adj screen or screen)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:40 |
| S115 | 1    | S111 and @ad<"20031028"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:40 |
| S116 | 543  | 296/39.1.ccls.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:41 |



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| S117 | 0  | S116 and (inspect\$3 or measur\$4) and wall and surface adj unevenness and (object or octogonally or cylindrical or honeycomb)             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:41 |
| S118 | 24 | S116 and (inspect\$3 or evaluate or defects or fault or flaw)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:42 |
| S119 | 0  | S118 and diffusion adj light   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:42 |
| S120 | 0  | S118 and inspect\$3 and surface and wall adj unevenness and materials and measured adj intensity and (pixel\$1 or grey or gray) and values | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:42 |
| S121 | 1  | S118 and (translucent adj screen or screen)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:43 |
| S122 | 1  | S121 and @ad<"20031028"  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/04<br>10:43 |

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